

PROJECT NAME: CRACK SEAL FOR PAVEMENT (CASH CIP PROJECT)
PROJECT NUMBER: ST090690

Description: Installing crack seal on asphalt and concrete roadways as a maintenance measure to extend the life of the pavement. The crack sealing process consists of cleaning the cracks and sealing them with a hot pour rubberized asphalt product. The contractor uses a compress air to remove the dirt and vegetation from the cracks and joints. The next step is to apply sealant. The sealant consists of the rubber and asphalt that is heated to about 375 degrees. The sealant is applied using a heated wand and then a squeegee is use to force the material into the crack. The squeegee also prevents a build of material on the surface and ridges from forming, thus improving the quality of ride for motorist. Residents can resume parking and drive on the street within a couple hours after the sealant is applied. Streets usually need to be crack sealed every 2-4 years for optimum effect.

Justification: To adequately and properly maintain asphalt and concrete roadways in order to increase the life of the pavement surface. Damage to pavement is primarily caused from the subgrade failing after moisture is introduced through the cracks in pavement. Crack sealing the cracks with hot rubber sealant to the pavement extends the life of pavement because it deters water from seeping to the subgrade beneath the road surface. Crack sealing the streets and alleys is one the most cost effective tools available to the City to extend the life of pavement by 3 to 5 years. This is achieved by sealing the joints and random cracks, preventing moisture from penetrating the pavement and the sub-grade This project was recommended by the 2009 CIP Bond Committee.

Project Status

The contractor on the 2010 program has been released due to ineffectiveness. The 2011 Program was expanded to finish the 2010 program. Crack sealing is complete on Woodlake. Rowlett Road from Sara to the Lake is next on list followed by Scenic. The 2011 program is 86% complete. The 2011 crack sealing program picked back up late October and the contractor will begin the 2012 program once the 2011 program is complete.

Significant Events / Notes:

As of 11/28/2011

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Project-To-Date Financial Plan

Funding Sources (all funds)	Prior Yrs Funding	2011	2012	2013	2014	2015	Total Spending Plan
Current Year Revenues	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000			\$ 600,000
Previous Revenues							\$ -
Debt . CO's							\$ -
Debt . GO's							\$ -
Debt . Revenue Bonds							\$ -
Federal Sources							\$ -
TxDOT							\$ -
NCTCOG							\$ -
County							\$ -
CDBG							\$ -
Impact Fees							\$ -
Donations							\$ -
Other							\$ -
TOTAL	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ 600,000

Total Project	EOPC Plan	Amount Awarded	Actual Costs	Rem Encumb
Design	n/a	\$ -		
Right-of-Way	n/a	\$ -		
Construction	\$ 150,000	\$ 288,820	\$ 162,092	\$ 126,728
Contingency	n/a	\$ -		
Administrative Wages		\$ -		
Contract Incentive	n/a	\$ -		
TOTAL	\$ 150,000	\$ 288,820	\$ 162,092	\$ 126,728

8001
8005
8002
8003
8006
8004

Project Calendar

Design Notice to Proceed	
Design Completion	n/a
Construction Notice to Proceed (NTP)	10/1/2010
Construction Original Final Completion	2/1/2011
Construction Updated Final Completion	11/15/2011
Design Percent Complete	100%
Construction Percent Complete	86%

Current Year Allocation: FY2012

150,000

Less:

	Year to date % Complete	Annual Proj Cost	YTD Expend	YTD Rem Encumb
Design				-
Right-of-Way				-
Construction	#DIV/0!			126,728
Contingency				-
Administrative Wages				-
Contract Incentive				-
TOTAL		-	-	126,728

ST2078 398-8201-521

Current Year Remaining Balance:

287,908

Less: Remaining Encumbrances:

(126,728)

Net Available Resources:

161,180

Notes:

As of 11/28/2011